ASTR 4800: Space Science - Practice & Policy

- Next class: Mars MAVEN mission – guest Dr. Nick Schneider.
- Read: link to MAVEN website on class webpage.

Augustine Report

- Insufficient funds to fly Shuttle until 2011, maintain ISS until 2020, and return to the Moon by 2020.
- Viable exploration program is possible if NASA’s budget is increased by $3B/yr above FY10 budget profile.
- If we explore, what is (are) our destination(s)?

Destinations Beyond Low Earth Orbit

- **Moon First** - Moon 1st destination beyond LEO by mid 2020’s, extend ISS to 2020, funds technology advancement, commercial vehicles to LEO.
- **Flexible Path** - Beginning in early 2020’s: lunar fly-bys, visits to L2, NEOs, & possible Mars fly-bys; possible lunar surface return by mid to late 2020’s.